



PATENTS +TMS
A PROFESSIONAL CORPORATION
1914 NORTH MILWAUKEE AVENUE
CHICAGO, IL 60647
TEL: 773/772-6009

APPLICANT: Engstrand **GROUP ART UNIT:** 2878
SERIAL NO.: 09/690,151 **EXAMINER:** Luu
FILING DATE: Oct. 17, 2000 **ATTY. DOCKET NO.:** MOT-P-00-001
INVENTION: "AN APPARATUS, A SYSTEM AND A METHOD FOR POSITION MONITORING AND/OR CLEANING OF A MACHINE ELEMENT"

MS Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Transmitted herewith is an Amendment in response to the Office Action dated January 23, 2004 for the above-identified application.

☒ No additional fee is required. ☐ The fee has been calculated as shown below:

CLAIMS AS AMENDED (AMENDED ONLY)						
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	22	MINUS	22	X 0	X 9.00 X 18.00	0
INDEP. CLAIMS	03	MINUS	03	X 0	X 43.00 X 86.00	0
Application amended to contain any multiple dependent claims not previously paid for.				() YES (X) NO	\$130.00 \$260.00 ONE TIME	0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					0	

☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to Deposit Acct. No. 50-0595. A duplicate of this sheet is enclosed for this purpose.

When phoning re this application, please call 773/772-6009.

BY :


Brian M. Mattson Reg. No. 35,018

CERTIFICATE OF MAILING

I hereby certify that the attached Amendment, Transmittal letter and return postcard are being deposited as First Class Mail in an envelope addressed to the MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 23, 2004.


Brian M. Mattson Reg. No. 35,018

Image

2878



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT

APPLICANT: Engstrand

EXAMINER: Luu

ATTY. DOCKET NO.: MOT-P-00-001

SERIAL NO.: 09/690,151

FILING DATE: Oct. 17, 2000

GROUP ART UNIT: 2878

INVENTION: "AN APPARATUS, A SYSTEM AND A METHOD FOR POSITION
MONITORING AND/OR CLEANING OF A MACHINE ELEMENT"

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR/MADAM:

In response to the Office Action dated January 23, 2004,
please amend the above-identified application as follows:

IN THE CLAIMS:

1. (Currently amended) An apparatus for measuring displacement,
the apparatus comprising:

a machine element having a body defining an interior wherein
the body has an interior surface and a length defined between a
first end and a second end;

a first wall at the first end;

a second wall at the second end substantially enclosing the
interior;

a shaft element movable within the machine element;

a head element attached to the shaft element adjacent to the
interior surface of the machine element;

a light source on ~~the interior surface~~ the first wall of the